



Division of Fire Safety

Central Office

1311 U.S. Route 302 - Berlin

Suite 600

Barre, VT 05641-2351

www.FireSafety.Vermont.gov

[phone] 802-479-7561 or 800-640-2106
[fax] 802-479-7562

Department of Public Safety

October 10, 2014

Town of Ferrisburgh

John Bull

167 Little Chicago Road

Ferrisburgh, VT 05456

Re: Sprinkler System Variance Request
Location: 167 Little Chicago Road, Ferrisburgh, VT
Site# 93410

Dear Mr. Bull,

I am in receipt of a variance request to not install a required sprinkler system in the new 10608 square foot town garage. The garage portion of the building is 9600 square feet with the addition at 1008 square feet. You indicate that the water supply line is 500 feet from the new garage. The structure will be of steel construction.

Under the provisions of the amended 2012 Vermont Fire & Building Safety Code, Section 8, a variance may be granted when the applicant can demonstrate that an equal degree of safety is being provided through a safe alternative method.

Code Requirement: 2012 International Building Code, Section [F] 903.2.9.1 (4) Repair Garages: An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with Section 406, as shown:

(4) A Group S-1 fire area used for the repair of commercial trucks or buses where the fire area exceeds 5000 square feet.

Section [F] 406.8.6 – Automatic Sprinkler System. A repair garage shall be equipped with an automatic sprinkler system in accordance with 903.2.9.1.



This variance is **GRANTED** with the following conditions;

1. The garage must be separated into two 4800 square fire areas by a two hour fire rated separation wall. Any openings in this wall for man doors must be provided with 2 hour fire rated doors.
2. If a larger opening is needed, such that would require an overhead door, then a two hour fire rated roll up door must be provided with fusible links on each side of the opening to activate the door in the event of a fire.
3. The addition must be separated from the garage area by a two hour fire rated separation and all openings in this wall must be of the same fire rating. This would include doors and windows.
4. It is indicated in your request letter that a fire alarm system will be installed with both manual and automatic detection devices. This system will also communicate to a UL Listed receiving station in the event of a fire.

If you have any question, please contact me.

Respectively,

Joseph Benard, Deputy Director
NY-CFI, NFPA-CFI; CPE
Division of Fire Safety
1311 US Route 302, Suite 600
802-479-7566 –Desk
802-479-7562 – Fax
joseph.benard@state.vt.us - Email